

Claims:

This listing of the claims will replace all prior versions, and listings, of the claims in the application:

Claims 1-46 (Canceled)

1 47. (Previously presented) A method of creating a data storage pool, comprising:
2 providing information for a plurality of storage resources in response to a user query;
3 assigning at least one storage property to selected ones of the plurality of storage
4 resources in response to user instructions to define the data storage pool;
5 receiving a logical expression to identify respective ones of the storage resources that
6 are available for a requested store operation based upon the storage properties assigned to
7 the selected ones of the storage resources; and
8 allocating selected ones of the identified storage resources for the requested store
9 operation.

10
11 48. (Previously presented) The method according to claim 47, wherein the logical
12 expression includes at least one logical operator and at least two storage properties.

13
14 49. (Previously presented) The method according to claim 48, wherein the logical
15 expression includes an amount of storage needed for the requested store operation.

16
17 50. (Previously presented) The method according to claim 47, further including receiving a
18 new property as part of the logical expression.

1 51. (Previously presented) The method according to claim 47, further including assigning a
2 particular one of the at least one storage properties to a particular type of storage resource.

3
4 52. (Previously presented) The method according to claim 47, wherein the plurality of
5 storage resources includes logical volumes.

6
7 53. (Previously presented) The method according to claim 47, further including receiving a
8 user instruction to identify a storage resource as hand-off storage.

9
10 54. (Previously presented) The method according to claim 47, wherein the user query is
11 generated by a storage administrator.

12
13 55. (Previously presented) The method according to claim 47, wherein the logical
14 expression is generated by a database administrator.

15
16 56. (Previously presented) An article, comprising:

17 a storage medium having stored thereon instructions that when executed by a
18 machine result in the following:

19 providing information for a plurality of storage resources in response to a user query;
20 assigning at least one storage property to selected ones of the plurality of storage
21 resources in response to user instructions to define the data storage pool;

22 receiving a logical expression to identify respective ones of the storage resources that
23 are available for a requested store operation based upon the storage properties assigned to
24 the selected ones of the storage resources; and

25 allocating selected ones of the identified storage resources for the requested store
26 operation.

27
28 57. (Previously presented) The article according to claim 56, wherein the logical
29 expression includes at least one logical operator and at least two storage properties.

1 58. (Previously presented) The article according to claim 57, wherein the logical
2 expression includes an amount of storage needed for the requested store operation.

3
4 59. (Previously presented) The article according to claim 57, further instructions to include
5 assigning a particular one of the at least one storage properties to a particular type of storage
6 resource.

7
8 60. (Previously presented) A system, comprising:

9 a processor; and
10 a memory coupled to the processor, the memory including instructions that when
11 executed result in the following:
12 providing information for a plurality of storage resources in response to a user query;
13 assigning at least one storage property to selected ones of the plurality of storage
14 resources in response to user instructions to define the data storage pool;
15 receiving a logical expression to identify respective ones of the storage resources that
16 are available for a requested store operation based upon the storage properties assigned to
17 the selected ones of the storage resources; and
18 allocating selected ones of the identified storage resources for the requested store
19 operation.

20
21 61. (Previously presented) The system according to claim 60, wherein the logical
22 expression includes at least one logical operator and at least two storage properties.

23
24 62. (Previously presented) The system according to claim 60, wherein the logical
25 expression includes an amount of storage needed for the requested store operation.

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- 1 63. (Previously Amended) The system according to claim 60, further including instructions
- 2 to assign a particular one of the at least one storage properties to a particular type of storage
- 3 resource.